

The Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Previously Presented) A display system, detachable from a host device, the display system comprising:
 - a power source;
 - a processor coupled to the power source;
 - a memory coupled to the power source and the processor;
 - a transceiver coupled to the processor;
 - a flexible electronic display coupled to the processor and the power source, the flexible display being configured in more than two sections, each section being foldable behind another section, such that whatever sections are viewable to a user are the display area being used by the host device;
 - a coupler for coupling the flexible electronic display to the host device; and
 - a flexible touch sensor movable with the flexible electronic display;wherein the transceiver receives information from the host device when the display is decoupled from the coupler, and images are provided on the display based on the information; and
 - wherein during use of the flexible electronic display each section folded behind another section is not exposed when the flexible electronic display is coupled to the host device.
2. (Original) The display system of claim 1, wherein the flexible electronic display is electronic paper (e-paper).
3. (Original) The display system of claim 1, wherein the flexible display is foldable.
4. (Original) The display system of claim 1, wherein the host device is a handheld computer.

5. (Original) The display system of claim 1, wherein the flexible touch sensor includes a transparent coating.

6. (Original) The display system of claim 1, wherein the flexible touch sensor includes an electrotextile.

7. (Previously Presented) A portable electronic device, comprising:
a housing;
a coupler connected to the housing; and
a flexible display screen assembly, the flexible display screen assembly having a first viewing area providing images that are viewable by a user when coupled to the coupler and expandable to provide a larger viewing area, at least when decoupled from the coupler, the flexible display screen assembly including,
a power source;
a processor coupled to the power source;
a memory coupled to the power source and the processor;
a flexible electronic display coupled to the processor and the power source, the flexible display being configured in more than two sections, each section being foldable behind another section, such that whatever sections are viewable to a user are the display area being used by the portable electronic device; and
a flexible touch sensor movable with the flexible electronic display, providing an enlarged touch sensor area when the viewing area of the flexible display screen assembly is enlarged;
wherein during use of the flexible electronic display, each section folded behind another section is not exposed when the flexible electronic display is coupled to the host device.

8. (Original) The portable electronic device of claim 7, wherein the flexible electronic display is electronic paper (e-paper).

9. (Original) The portable electronic device of claim 7, wherein the flexible display is foldable.

10. (Original) The portable electronic device of claim 7, wherein the portable electronic device is a handheld computer.

11. (Original) The portable electronic device of claim 7, wherein the flexible touch sensor includes a transparent coating.

12. (Original) The portable electronic device of claim 7, wherein the flexible touch sensor includes an electrotextile.

13. (Previously Presented) A foldable display assembly, comprising:
a power source;
a processor coupled to the power source;
a memory coupled to the power source;
a transceiver coupled to the processor;
a foldable electronic display coupled to the processor and the power source,
the foldable display being configured in more than two sections, each section being foldable behind another section, such that whatever sections are viewable to a user are the display area being used by the host device;
a coupler for coupling the foldable electronic display to the host device; and
a foldable touch sensor foldable with the foldable electronic display;
wherein the transceiver receives information from the host device when the display is decoupled from the coupler, and images are provided on the display, based on the information; and
wherein during use of the foldable electronic display, each section folded behind another section is not exposed when the foldable electronic display is coupled to the host device.

14. (Original) The foldable display of claim 13, wherein the foldable electronic display is electronic paper (e-paper).

15. (Original) The foldable display of claim 13, wherein coupler includes a coupler for coupling to a handheld computer.

16. (Previously Presented) The foldable display of claim 13, wherein the foldable touch sensor includes a transparent coating.

17. (Previously Presented) The foldable display of claim 13, wherein the foldable touch sensor includes an electrotexile.

18. (Previously Presented) A handheld computer, comprising:
a housing;
an expandable display assembly supported on the housing, providing a first viewing area and providing a second viewing area substantially the same size as the first viewing area, the first viewing area foldable underneath the second viewing area; and
a flexible touch sensor associated with the expandable display, the sensing area of the touch sensor being enlarged when the expandable display is unfolded;
wherein a user may view images on the second viewing area when the display assembly is folded and on the combined first and second viewing areas when the display assembly is unfolded; and
wherein images are not displayed on the first viewing area when the display assembly is folded and images are displayed on the second viewing area.

19. (Original) The handheld computer of claim 18, wherein the expandable display assembly is electronic paper (e-paper).

20. (Cancelled)

21. (Original) The handheld computer of claim 18, wherein the portable electronic device is a handheld computer.

22. (Original) The handheld computer of claim 18, wherein the touch sensor includes a transparent coating.

23. (Original) The handheld computer of claim 18, wherein the touch sensor includes an electrotexile.

24. (Previously Presented) A method of using a handheld computer, comprising:
viewing an image on a first viewing area of a flexible display, the flexible display comprising the first viewing area and a second viewing area folded behind the first viewing area, wherein images are not displayed on the second viewing area when folded behind the first viewing area;

providing input to the handheld computer via a first sensing area of a touch sensor associated with the first viewing area of the flexible display;

enlarging the flexible display, by unfolding, to provide an enlarged viewing area comprising the first and second viewing area;

viewing an image in the enlarged viewing area;

providing input to the handheld computer via a second sensing area of the touch sensor comprising the first sensing area and associated with the enlarged viewing area of the flexible display, the second sensing area being larger than the first sensing area.

25. (Original) The method of claim 24, further comprising:
decoupling the flexible display from the handheld computer.

26. (Original) The method of claim 24, further comprising:
providing input using a fingertip.

27. (Original) The method of claim 24, further comprising:
providing input using a stylus.